Application No. 10/527,386

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A compound of formula (I-A)

wherein

A represents a phenyl ring,

R¹ represents hydrogen, halogen, nitro, eyano, or C₁-C₆-alkyl, hydroxy-or C₁-C₆-alkoxy,

wherein C₁-C₆-alkyl-and C₁-C₆-alkoxy-can be further substituted with one to three
identical or different radicals selected from the group consisting of halogen,
hydroxy and C₁-C₄-alkoxy,

 R^4

 R^5

R² represents cyano,

R³ represents hydrogen,

represents C_1 - C_6 -alkyl, C_1 - C_6 -alkylcarbonyl, C_1 - C_6 -alkoxycarbonyl, hydroxycarbonyl, aminocarbonyl, mono- or di- C_1 - C_4 -alkylaminocarbonyl, C_6 - C_{10} -arylaminocarbonyl, heteroarylcarbonyl, heterocyclylcarbonyl, heteroaryl, heterocyclyl or cyano, wherein C_1 - C_6 -alkyl, C_1 - C_6 -alkylcarbonyl, C_1 - C_6 -alkylaminocarbonyl can be further substituted with one to three identical or different radicals selected from the group consisting of C_3 - C_6 -cycloalkyl, hydroxy, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylaminocarbonyl, hydroxycarbonyl, aminocarbonyl, mono- and di- C_1 - C_4 -alkylaminocarbonyl, C_1 - C_4 -alkylcarbonyl-amino, amino, mono- and di- C_1 - C_4 -alkylamino, heteroaryl, heterocyclyl, tri- $(C_1$ - C_6 -alkyl)-silyl and cyano,

represents C₁-C₄-alkyl, which can be substituted with one to three identical or different radicals-selected from the group consisting of halogen, hydroxy, C₄-C₆-alkoxy, C₂-C₆-alkenoxy, C₄-C₆-alkylthio, amino, mono—and—di-C₁-C₆-alkylamino, arylamino, hydroxycarbonyl, C₄-C₆-alkoxycarbonyl and the radical—O-C₄-C₄-alkyl-O-C₄-C₄-alkyl,

R^{6A} represents hydrogen, C₁-C₆-alkylcarbonyl, C₃-C₈-cycloalkylcarbonyl, C₄-C₆-alkylcarbonyl, mono or di-C₁-C₄-alkylaminocarbonyl, wherein C₁-C₆-alkylaminocarbonyl,

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carbonyl, C_4 - C_6 -alkoxyearbonyl, mono—and di- C_1 - C_4 -alkylaminocarbonyl can be substituted with one to three identical or different radicals selected from the group consisting of C_3 - C_8 -cycloalkyl, hydroxy, C_1 - C_4 -alkoxy, amino, mono- and di- C_1 - C_4 -alkylamino,

represents C1-C6-alkyl, which can be substituted with one to three identical or

different-radicals-selected-from the group-consisting of hydroxy, C_4 - C_4 -alkoxy, amino, mono- and di- C_4 - C_4 -alkylamino, C_4 - C_4 -alkoxyearbonyl, hydroxyearbonyl, aminocarbonyl, mono- and di- C_4 - C_4 -alkylaminocarbonyl, C_4 - C_4 -alkylaminocarbonyloxy, aminocarbonyloxy, eyano, aryl, heteroaryl and heterocyclyl,

wherein heteroaryl and heterocyclyl can be further substituted with one to two identical or different radicals selected from the group consisting of C₄-C₄-alkyl, hydroxy and oxo.

represents halogen, nitro, eyano; or C₁-C₆-alkyl, hydroxy or C₁-C₆-alkoxy, wherein C₁-C₆-alkyl and C₁-C₆-alkoxy can be further substituted with one to three identical or different radicals selected from the group consisting of halogen, hydroxy and C₁-C₄-alkoxy.

and

 R^7

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Y1, Y2, Y3 and Y4 each represent CH.

- 2. (Currently Amended) The compound of formula (I-A) according to Claim 1, wherein
 - A represents a phenyl, ring,
 - R^{l} represents hydrogen, halogen, nitro, eyano, C_1 - C_6 -alkyl, hydroxy-or- C_4 - C_6 -alkoxy, wherein C_1 - C_6 -alkyl and C_2 - C_6 -alkoxy can be further substituted with one to three identical or different radicals selected from the group consisting of halogen, hydroxy and C_1 - C_4 -alkoxy,
 - R² represents cyano,
 - R³ represents hydrogen,
 - represents C_1 - C_6 -alkylcarbonyl, C_1 - C_6 -alkoxycarbonyl, hydroxycarbonyl, aminocarbonyl, mono- or di- C_1 - C_4 -alkylaminocarbonyl, C_6 - C_{10} -arylaminocarbonyl, heteroarylcarbonyl, heteroarylcarbonyl, heteroarylcarbonyl, heteroarylcarbonyl, mono- and di- C_1 - C_4 -alkylaminocarbonyl can be further substituted with one to three identical or different radicals selected from the group consisting of C_3 - C_8 -cycloalkyl, hydroxy, C_1 - C_4 -alkoxy, C_1 - C_4 -alkoxycarbonyl, hydroxycarbonyl, aminocarbonyl, mono- and di- C_1 - C_4 -alkylaminocarbonyl, C_1 - C_4 -alkylaminocarbonyl, C_1 - C_4 -alkylamino, heteroaryl, heterocyclyl and tri- C_1 - C_6 -alkylamino.

 R^4

- R⁵ represents C₁-C₄-alkyl, which can be substituted with one-to-three-identical or different radicals selected from the group consisting of halogen, hydroxy, C₄-C₆-alkoxy, C₂-C₆-alkenoxy, C₁-C₆-alkylthio, amino, mono—and—di-C₄-C₆-alkylamino, arylamino, hydroxycarbonyl, C₄-C₆-alkoxycarbonyl and the radical—O-C₄-C₄-alkyl-O-C₄-C₄-alkyl.
- R^{6A} represents hydrogen, C₁-C₆-alkylcarbonyl, C₃-C₈-cycloalkylcarbonyl, G₄-C₆-alkylcarbonyl, mono—or—di-C₄-C₄-alkylaminoearbonyl, wherein C₁-C₆-alkylcarbonyl, C₃-C₆-alkoylcarbonyl, mono—and di-C₄-C₄-alkylaminoearbonyl can be substituted with one to three identical or different radicals selected from the group consisting of C₃-C₈-cycloalkyl, hydroxy, C₁-C₄-alkoxy, amino, mono- and di-C₁-C₄-alkylamino,
- R⁶⁸ represents C₁-C₆-alkyl, which can be substituted with one to three identical or different radicals selected from the group consisting of hydroxy, C₁-C₄-alkoxy, amino, mono-and di-C₄-C₄-alkylamino, aryl, heteroaryl and heterocyclyl,
- R⁷ represents halogen, nitro,—eyano; orC₁-C₆-alkyl, hydroxy—or—C₄-C₆-alkoxy; wherein C₁-C₆-alkyl and C₄-C₆-alkoxy can be further substituted with one to three

identical or different radicals selected from the group consisting of halogen, hydroxy and C_1 - C_4 -alkoxy,

and

Y¹, Y², Y³ and Y⁴ independently-from each other-represent CH or-N, wherein the ring contains either 0, 1 or 2 nitrogen atoms.

- 3. (Currently Amended) The compound of formula (I-A) according to Claim 1 , wherein
 - A represents a phenyl ring,
 - R¹ represents hydrogen, fluoro, chloro, bromo, nitro, cyano, methyl, ethyl, trifluoromethyl or trifluoromethoxy,
 - R² represents cyano,
 - R³ represents hydrogen,
 - R⁴ represents C₁-C₆-alkylcarbonyl, C₁-C₆-alkoxycarbonyl, hydroxycarbonyl, aminocarbonyl, mono- or di-C₁-C₄-alkylaminocarbonyl or cyano, wherein C₁-C₆-alkylcarbonyl, C₁-C₆-alkoxycarbonyl and mono-C₁-C₄-alkylaminocarbonyl can be substituted with one to three identical or different radicals selected from the group

consisting of C₃-C₆-cycloalkyl, hydroxy, C₁-C₄-alkoxy, C₁-C₄-alkoxycarbonyl, amino, mono- or di-C₁-C₄-alkylamino, heteroaryl and heterocyclyl,

R⁵ represents methyl or ethyl,

R^{6A} represents hydrogen, C₁-C₆-alkylcarbonyl or C₃-C₆-cycloalkylcarbonyl, wherein C₁-C₆-alkylcarbonyl can be substituted with a radical selected from the group consisting of C₃-C₆-cycloalkyl, hydroxy, C₁-C₄-alkoxy, amino, mono- and di-C₁-C₄-alkylamino,

R⁶⁸—represents C₁-C₆-alkyl, which can be substituted with a radical selected from the group—consisting—of—hydroxy, C₁-C₄-alkoxy, amino, mono—and—di-C₄-C₄-alkylamino, phenyl, heteroaryl and heteroeyelyl,

R⁷ represents halogen, nitro, cyano, trifluoromethyl, trifluoromethoxy, methyl or ethyl,

and

Y1, Y2, Y3 and Y4 each represent CH.

4. (Currently Amended) The compound of formula (I-A) according to Claim 1, wherein

A represents a phenyl ring,

R1 and R3 each represent hydrogen,

R² represents cyano,

R⁴ represents C₁-C₄-alkylcarbonyl or C₁-C₄-alkoxycarbonyl, wherein C₁-C₄-alkoxycarbonyl can be substituted with a radical selected from the group consisting of hydroxy, C₁-C₄-alkoxy, C₁-C₄-alkoxycarbonyl, mono- and di-C₁-C₄-alkylamino, heteroaryl and heterocyclyl,

R5 represents methyl,

R^{6A} represents hydrogen, C₁-C₆-alkylcarbonyl or C₃-C₆-cycloalkylcarbonyl,

R⁶⁸—represents—C₄-C₄-alkyl, which can be substituted with a radical selected from the group consisting of hydroxy, C₄-C₄-alkoxy, amino, di-C₄-G₄-alkylamino, phenyl, pyridyl, imidazelyl, pyrrolidino and morpholino;

R⁷ represents trifluoromethyl or nitro,

and

Y¹, Y², Y³ and Y⁴ each represent CH.

- 5. (Canceled)
- 6. (Previously Presented) The compound of general formula (I-A) according to claim 1, wherein R^1 is hydrogen.
- 7. (Canceled)
- 8. (Canceled)
- 9. (Previously Presented) The compound of formula (I-A) according to claim 1, wherein R^4 is C_1 - C_4 -alkoxycarbonyl, which can be substituted with dimethylamino, diethylamino, Nethylamino, pyrrolidino or piperidino, or wherein R^4 is C_1 - C_4 -alkylcarbonyl.
- (Previously Presented) The compound of formula (I-A) according to claim 1, wherein R⁵ is methyl.
- 11. (Previously Presented) The compound of formula (I-A) according to claim 1, wherein \mathbb{R}^7 is trifluoromethyl or nitro.

- 12. (Previously Presented) The compound of formula (I-A) according to claim 1, wherein R^{6A} is hydrogen.
- 13. (Canceled)
- 14. (Currently Amended) A compound of formula (I-C)

wherein

- Z represents CH or N, and R¹, R³ and R⁴ have the meaning indicated in claim 1.
- 15. (Canceled)
- 16. (Canceled)

17. (Previously Presented) A composition containing at least one compound of formula (I-A) or (I-C), as defined in Claims 1 or 14, and a pharmacologically acceptable diluent.

Claims 18-29. (Canceled)

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